

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| L1    | 3    | "20050099269"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/12/22<br>10:50 |
| L2    | 22   | ("20020167405"  <br>"20050099270"  <br>"3938316"   "4454483"<br>  "5117756"  <br>"5583819"   "5649295"<br>  "5867535"  <br>"5912632"   "5940006"<br>  "5952922"  <br>"6043748"   "6046683"<br>  "6127928"  <br>"6243013"   "6356161"<br>  "6388532"  <br>"6404325"   "6472943"<br>  "6639509"  <br>"6784789"  <br>"6917291").PN. | US-PGPUB;<br>USPAT; USOCR  | OR               | OFF     | 2010/12/22<br>10:53 |
| L3    | 34   | "7075412"  | US-PGPUB;<br>USPAT; USOCR  | OR               | OFF     | 2010/12/22<br>10:58 |
| L4    | 1    | "6577229".pn.  | US-PGPUB;<br>USPAT; USOCR  | OR               | OFF     | 2010/12/22<br>12:00 |
| L5    | 1    | "6172609".pn.  | US-PGPUB;<br>USPAT; USOCR  | OR               | OFF     | 2010/12/22<br>12:01 |
| L6    | 1    | "5235326".pn.  | US-PGPUB;<br>USPAT; USOCR  | OR               | OFF     | 2010/12/22<br>12:03 |
| L7    | 143  | ("5235326").URPN.  | USPAT  | OR               | OFF     | 2010/12/22<br>12:03 |
| S1    | 2    | "20060244627"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/02/28<br>21:57 |
| S2    | 2    | "20010038328"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/02/28<br>23:34 |

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| S3  | 4       | "2003013177"                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/28<br>23:35 |
| S4  | 1207    | safety adj2 key\$2                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>10:07 |
| S5  | 60      | safety adj2 key\$2 adj2<br>switch\$4             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>10:08 |
| S6  | 4400121 | safety dj2 switch\$4                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>10:15 |
| S7  | 52525   | S6 and (remote adj2<br>control) and mode\$2      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>10:15 |
| S8  | 1764    | S7 and 340/825\$.ccls.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>10:17 |
| S9  | 233     | S8 and confirmat\$4                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>10:17 |
| S10 | 31133   | operating same remote<br>adj2 control            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>12:14 |
| S11 | 20      | S10 and safety adj2<br>mode                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>12:15 |
| S12 | 7       | ("3871443").URPN.                                | USPAT  | OR | OFF | 2009/03/01<br>12:59 |
| S13 | 0       | remote adj2 control<br>same safety adj2<br>modes | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>13:02 |

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| S14 | 225 | remote adj2 control<br>same safety adj2 switch<br>\$2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>13:02 |
| S15 | 13  | ("3838748"  <br>"3906369"   "4010408"<br>  "4026263"  <br>"4233642"   "4460125"<br>  "4506121"  <br>"4839533"   "4924564"<br>  "5654813"  <br>"5769517"   "5883680"<br>  "6426705").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2009/03/01<br>13:14 |
| S16 | 13  | ("6880673").URPN.   | USPAT  | OR | OFF | 2009/03/01<br>13:19 |
| S17 | 13  | ("3838748"  <br>"3906369"   "4010408"<br>  "4026263"  <br>"4233642"   "4460125"<br>  "4506121"  <br>"4839533"   "4924564"<br>  "5654813"  <br>"5769517"   "5883680"<br>  "6426705").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2009/03/01<br>13:36 |
| S18 | 36  | remote adj2 control<br>same safety adj2<br>function\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>13:38 |
| S19 | 25  | remote adj2 control<br>same safety same<br>confirmation   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>13:40 |
| S20 | 176 | remote adj2 control<br>same confirmation adj2<br>signal   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>13:41 |
| S21 | 3   | remote adj2 control<br>same (confirmation<br>adj2 entry)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>15:24 |
| S22 | 29  | remote adj2 control<br>same (confirmation<br>adj2 key)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>15:26 |

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| S23 | 843 | remote adj2 control same (enter\$4 adj2 key)                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>16:18 |
| S24 | 233 | S23 and confirm\$4 and mode\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>16:19 |
| S25 | 65  | "312332"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>23:45 |
| S26 | 25  | "1312332"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>23:45 |
| S27 | 2   | "19929907"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>23:46 |
| S28 | 34  | "4211998"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/01<br>23:47 |
| S29 | 5   | ("4211998"  <br>"6351678"   "6424285"<br>  "6753790"  <br>"6915109").PN.    | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2009/03/01<br>23:49 |
| S30 | 230 | remote adj2 control same (parental adj2 control) and mode\$2                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>08:47 |
| S31 | 79  | S30 and password\$2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>08:48 |
| S32 | 1   | remote adj2 control same (parental adj2 control same password same mode\$2) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>09:08 |

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| S33 | 12   | remote adj2 control same (parental adj2 control same password same enter\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>09:12 |
| S34 | 4    | 10/015,270  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>09:25 |
| S35 | 7    | remote adj2 control same (parental adj2 control same password same requir\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>09:49 |
| S36 | 11   | remote adj2 control same (parental adj2 control and password same requir\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>09:50 |
| S37 | 10   | (US-20030110491-\$). did. or (US-7113099-\$ or US-6624758-\$ or US-6680673-\$ or US-6357043-\$ or US-6753790-\$ or US-7068143-\$ or US-7120922-\$).did. or (WO-2005018242-\$ or WO-9944361-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2009/03/02<br>14:54 |
| S38 | 2    | S37 and (beep\$2 or acoustic or speaker)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>14:58 |
| S39 | 4594 | (remote adj2 control adj2 device) and (beep \$2 or acoustic or speaker)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>15:16 |
| S40 | 85   | S39 and 340/825.69. ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:11 |
| S41 | 69   | S39 and 340/825.69. ccls. and mode\$2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:11 |

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| S42 | 12 | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2009/03/02<br>16:29 |
| S43 | 1  | S42 and maximum   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:29 |
| S44 | 4  | S42 and range   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:33 |
| S45 | 3  | S42 and out same<br>range   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:44 |
| S46 | 0  | (remote adj2 control )<br>and out adj2 of adj2<br>range   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:50 |
| S47 | 0  | (remote adj2 control )<br>and (out adj2 of adj2<br>range)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:51 |
| S48 | 0  | (remote adj2 control)<br>and (out adj2 of adj2<br>distance)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:52 |
| S49 | 0  | out adj2 of adj2 range  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:53 |
| S50 | 0  | out adj2 of same range  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:53 |

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| S51 | 0     | out same of same range  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:53 |
| S52 | 87004 | out adj2 range  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:53 |
| S53 | 2703  | (remote adj2 control )<br>and S52   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:54 |
| S54 | 469   | out adj2 range same<br>inoperat\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:54 |
| S55 | 22    | (remote adj2 control )<br>and S54   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:54 |
| S56 | 735   | out adj2 range same<br>disable\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:57 |
| S57 | 55    | (remote adj2 control )<br>and S56   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>16:57 |
| S58 | 24    | ("4321593"  <br>"4417278"   "4550341"<br>  "4831448"  <br>"4835614"   "4843464"<br>  "5191231"  <br>"5355180"   "5382983"<br>  "5408276"  <br>"5493302"   "5521652"<br>  "5541664"  <br>"5592148"   "5751335"<br>  "5805201"  <br>"5886730"   "5917256"<br>  "6002427"  <br>"6020882"   "6088007"<br>  "6226793"  <br>"6259486"  <br>"6927696").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2009/03/02<br>17:05 |

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| S59 | 5      | flash adj2 light same (switch adj mode\$2)   | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>20:51 |
| S60 | 8      | flash adj2 light same (switch\$4 adj mode\$2)  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>20:52 |
| S61 | 85     | flash adj2 light same (mode\$2 adj2 chang\$2)  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>20:53 |
| S62 | 117338 | remote adj2 control  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>20:54 |
| S63 | 4      | S62 and S61  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>20:54 |
| S64 | 618    | flash\$2 same (mode\$2 adj2 chang\$2)  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>20:58 |
| S65 | 45     | S62 and S64  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>20:58 |
| S66 | 13     | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2009/03/02<br>21:19 |
| S67 | 5      | S66 and sound and<br>mode\$2   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>21:20 |
| S68 | 2      | S66 and beep and mode<br>\$2   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>21:29 |
| S69 | 2      | S66 and beep\$2 and<br>mode\$2   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>21:31 |
| S70 | 299    | beep\$2 and secur\$4<br>adj2 mode\$2   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/02<br>21:32 |
| S71 | 51     | S62 and S70  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/03/02<br>21:32 |



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| S72 | 299 | beep\$2 and secur\$4<br>adj2 mode\$2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>13:00 |
| S73 | 0   | beep\$2 adj2 secur\$4<br>adj2 mode\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>13:00 |
| S74 | 26  | beep\$2 same secur\$4<br>adj2 mode\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>13:01 |
| S75 | 175 | (beep\$2 or sound or<br>speaker\$2) same (secur<br>\$4 adj2 mode\$2)                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>13:09 |
| S76 | 68  | (beep\$2 or sound or<br>speaker\$2 or chirp)<br>same (confirm\$4 adj2<br>command\$2)                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>13:22 |
| S77 | 468 | (beep\$2 or sound or<br>speaker\$2 or chirp or<br>audible) same (key<br>adj2 enter\$4)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:01 |
| S78 | 52  | S77 and (remote adj2<br>control)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:01 |
| S79 | 0   | (beep\$2 or sound or<br>speaker\$2 or chirp or<br>audible) same (key<br>adj2 enter\$4) same<br>everytime | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:23 |
| S80 | 0   | (beep\$2 or sound or<br>speaker\$2 or chirp or<br>audible) same (key<br>adj2 enter\$4 same<br>everytime) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:24 |
| S81 | 0   | (beep\$2 or sound or<br>speaker\$2 or chirp or<br>audible) and (key adj2<br>enter\$4 same<br>everytime)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:24 |

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| S82 | 21 | (beep\$2 or sound or speaker\$2 or chirp or audible) and (key adj2 enter\$4 same every adj2 time)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:24 |
| S83 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time adj2 (key adj2 enter\$4)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:37 |
| S84 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time adj2 (key adj2 press\$2)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:37 |
| S85 | 1  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time adj2 (press\$4 adj2 button\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:38 |
| S86 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time adj2 (press\$4 adj2 key\$2)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:39 |
| S87 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 everytime adj2 (press\$4 adj2 key \$2)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:39 |
| S88 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 everytime adj2 (command adj2 enter\$2)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:39 |
| S89 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time adj2 (command adj2 enter \$2)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:39 |
| S90 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time adj2 (command\$2 adj2 enter \$2) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:40 |
| S91 | 0  | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time same (key adj2 enter\$4)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:41 |

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|-----|--------|--|--|----|-----|---------------------|
| S92 | 303    | (beep\$2 or sound or speaker\$2 or chirp or audible) adj2 every adj2 time  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:42 |
| S93 | 27     | S92 and remote adj2 control  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>14:53 |
| S94 | 19     | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$ or US-<br>6100792-\$ or US-<br>5917405-\$ or US-<br>5513244-\$ or US-<br>4887064-\$ or US-<br>6651900-\$ or US-<br>5957776-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2009/03/03<br>15:54 |
| S95 | 9      | S94 and range  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>15:54 |
| S96 | 8      | (beep\$2 or sound or speaker\$2 or chirp or audible) and S95 and range   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>15:57 |
| S97 | 2      | S92 and exceed adj2 (limit or range\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:05 |
| S98 | 140    | S92 and(limit or range \$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:07 |
| S99 | 998334 | (beep\$2 or sound or speaker\$2 or chirp or audible)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:15 |

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| S100 | 370 | S99 same exceed adj2 (limit or range\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:15 |
| S101 | 28  | S100 and remote adj2 control   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:16 |
| S102 | 421 | S99 and (exceed adj2 (limit or range\$4)) and (rfid or tag\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:44 |
| S103 | 28  | S102 and "340"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:44 |
| S104 | 47  | S99 and (lost adj2 signal) and (rfid or tag \$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:46 |
| S105 | 204 | S102 and (lost or stolen)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:51 |
| S106 | 1   | "10676967"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>16:53 |
| S107 | 17  | ("20010045884"  <br>"20020016838"  <br>"5406261"   "5515419"<br>  "5729192"  <br>"5748084"   "5966081"<br>  "6011473"  <br>"6087937"   "6151493"<br>  "6185688"  <br>"6269392"   "6433685"<br>  "6577239"  <br>"6618580"   "6782251"<br>  "7034659").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2009/03/03<br>16:54 |
| S108 | 5   | ("4246573"  <br>"4639726"   "5138312"<br>  "5276435"  <br>"5406261").PN.   | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2009/03/03<br>16:55 |

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|------|-----|---|--------------------------------|----|-----|---------------------|
| S109 | 27  | (lost or stolen) same<br>(rfid or tag\$2) same<br>(out adj2 range or<br>exceed adj2 limit)  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/03/03<br>16:58 |
| S110 | 16  | ("20020080036"  <br>"20020126010"  <br>"20020145520"  <br>"20030034887"  <br>"20030063003"  <br>"4918425"   "5289163"<br>  "5748087"  <br>"5748454"   "5949335"<br>  "6002344"  <br>"6064309"   "6297737"<br>  "6577238"  <br>"6842106"  <br>"6847892").PN.   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/03/03<br>17:02 |
| S111 | 430 | (lost or stolen) same<br>(rfid or tag\$2) and (out<br>adj2 range or exceed<br>adj2 limit) and<br>response   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/03/03<br>17:17 |
| S112 | 86  | S111 and disable  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/03/03<br>17:17 |
| S113 | 3   | (lost or stolen) same<br>(rfid or tag\$2) same<br>alert\$4 same (out adj2<br>range or exceed adj2<br>limit)   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/03/03<br>17:20 |
| S114 | 2   | "7336174"   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/03/03<br>17:23 |
| S115 | 22  | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$ or US-<br>6100792-\$ or US-<br>5917405-\$ or US-<br>5513244-\$ or US-<br>4887064-\$ or US-<br>6651900-\$ or US-<br>5957776-\$ or US-<br>6865372-\$ or US-<br>5289163-\$ or US-<br>7336174-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/03/03<br>18:11 |

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| S116 | 1     | S115 and intensity  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>18:11 |
| S117 | 22    | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$ or US-<br>6100792-\$ or US-<br>5917405-\$ or US-<br>5513244-\$ or US-<br>4887064-\$ or US-<br>6651900-\$ or US-<br>5957776-\$ or US-<br>6865372-\$ or US-<br>5289163-\$ or US-<br>7336174-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2009/03/03<br>21:02 |
| S118 | 29992 | S117 and ber or bit<br>adj2 error adj2 rate   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:02 |
| S119 | 0     | S117 and (ber or (bit<br>adj2 error adj2 rate))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:02 |
| S120 | 0     | S117 and (bit adj2<br>error adj2 rate)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:02 |
| S121 | 29992 | (bit adj2 error adj2<br>rate)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:03 |
| S122 | 779   | S121 and (remote adj2<br>control)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:03 |

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| S123 | 60 | S122 and "340"/\$.cds.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:03 |
| S124 | 59 | S122 and "340"/\$.cds.<br>and mode\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:04 |
| S125 | 23 | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$ or US-<br>6100792-\$ or US-<br>5917405-\$ or US-<br>5513244-\$ or US-<br>4887064-\$ or US-<br>6651900-\$ or US-<br>5957776-\$ or US-<br>6865372-\$ or US-<br>5289163-\$ or US-<br>7336174-\$ or US-<br>5722046-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2009/03/03<br>21:25 |
| S126 | 21 | S125 and time  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:25 |
| S127 | 1  | S125 and time adj2<br>(measur\$6 or travel\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:26 |
| S128 | 2  | "20060244627"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/03<br>21:45 |

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| S129 | 23 | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$ or US-<br>6100792-\$ or US-<br>5917405-\$ or US-<br>5513244-\$ or US-<br>4887064-\$ or US-<br>6651900-\$ or US-<br>5957776-\$ or US-<br>6865372-\$ or US-<br>5289163-\$ or US-<br>7336174-\$ or US-<br>5722046-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$).did.                    | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2009/07/01<br>15:40 |
| S130 | 19 | S129 and mode\$4  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/01<br>15:40 |
| S131 | 36 | ("20010000826"  <br>"20010021998"  <br>"20010042245"  <br>"4764981"   "5122937"<br>  "5192042"  <br>"5195634"   "5244173"<br>  "5353016"  <br>"5410326"   "5625608"<br>  "5648757"  <br>"5650831"   "5705997"<br>  "5721583"  <br>"5835864"   "5898398"<br>  "5945921"  <br>"5949351"   "6002450"<br>  "6008735"  <br>"6069672"   "6130726"<br>  "6160491"  <br>"6208341"   "6223348"<br>  "6236395"  <br>"6278499"   "6346891"<br>  "6347290"  <br>"6407779"   "6484011"<br>  "6532592"  <br>"6603420"   "6703962"<br>  "6750801").PN. | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/07/01<br>16:12 |



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| S132 | 4      | ("5483676"   "5874903"   "5937065"   "6323566").PN.  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/07/01<br>16:41 |
| S133 | 8      | S129 and threshold   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/01<br>18:09 |
| S134 | 107925 | mode\$2 same<br>threshold  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/01<br>18:12 |
| S135 | 107925 | remote adj2 control<br>same (S129)mode\$2<br>same threshold  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/01<br>18:13 |
| S136 | 223    | remote adj2 control<br>same (mode\$2 same<br>threshold)  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/01<br>18:13 |
| S137 | 48     | S136 and "340"/\$.ccls.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/01<br>18:13 |
| S138 | 14     | ("20040183659"  <br>"4631516"   "4943796"<br>  "5500638"  <br>"5734336"   "5825281"<br>  "5838228"  <br>"5905434"   "6060993"<br>  "6263282"  <br>"6300870"   "6411204"<br>  "6553285"  <br>"6590495").PN. | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/07/01<br>18:15 |
| S139 | 6      | ("4763121"  <br>"5420568"   "5650774"<br>  "5717387"  <br>"5723911"  <br>"6091341").PN.  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/07/01<br>18:24 |
| S140 | 1      | ("6472998").URPN.  | USPAT  | OR | OFF | 2009/07/01<br>18:25 |
| S141 | 12     | "6181254"  | USPAT  | OR | OFF | 2009/07/01<br>18:32 |
| S142 | 8      | ("4385204"  <br>"4663626"   "4881148"<br>  "4942393"  <br>"5379033"   "5412377"<br>  "5517187"  <br>"5942985").PN.   | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/07/01<br>18:39 |

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| S143 | 40 | ("5379033").URPN.   | USPAT                     | OR | OFF | 2009/07/01<br>18:43 |
| S144 | 20 | ("5600323").URPN.   | USPAT                     | OR | OFF | 2009/07/01<br>18:54 |
| S145 | 20 | ("5600323").URPN.   | USPAT                     | OR | OFF | 2009/07/01<br>18:56 |
| S146 | 8  | ("4942393"  <br>"4973958"   "4996525"<br>  "5109221"  <br>"5193210"   "5319364"<br>  "5355525"  <br>"5379033").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/01<br>18:56 |
| S147 | 3  | ("5379033"  <br>"5543776"  <br>"5600323").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/01<br>19:18 |
| S148 | 5  | ("6512462").URPN.   | USPAT                     | OR | OFF | 2009/07/01<br>19:19 |
| S149 | 53 | ("20010038328"  <br>"20020063634"  <br>"20020098813"  <br>"20020187753"  <br>"20030025611"  <br>"20030058083"  <br>"20030189482"  <br>"20030236071"  <br>"20040036625"  <br>"20040037365"  <br>"20040049325"  <br>"20040090315"  <br>"20040196141"  <br>"2465925"   "4103238"<br>  "4229741"  <br>"4660192"   "4672375"<br>  "4928778"  <br>"4963887"   "4996525"<br>  "5054569"  <br>"5142691"   "5303259"<br>  "5379033"  <br>"5423074"   "5479156"<br>  "5517189"  <br>"5600323"   "5673017"<br>  "5680105"  <br>"5721550"   "5874785"<br>  "5937065"  <br>"6075454"   "6265988"<br>  "6285296"  <br>"6292107"   "6317035"<br>  "6335679"  <br>"6384710"   "6396412"<br>  "6452483"  <br>"6452484"   "6472998"<br>  "6512462"  <br>"6573838"   "6587052"<br>  "6608567"  <br>"6636171"   "6650236" | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/01<br>19:19 |

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|      |    | "6703921").PN.   |  |    |     |                     |
| S150 | 1  | "20010038328"  | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2009/07/01<br>19:27 |
| S151 | 2  | "20010038328"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/01<br>19:27 |
| S152 | 37 | (different adj2 function<br>\$2) same ( remote adj2<br>control adj2 system)  | USPAT  | OR | OFF | 2009/07/01<br>19:33 |
| S153 | 9  | S152 and threshold   | USPAT  | OR | OFF | 2009/07/01<br>19:33 |
| S154 | 28 | (US-20030110491-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$ or US-<br>6100792-\$ or US-<br>5917405-\$ or US-<br>5513244-\$ or US-<br>4887064-\$ or US-<br>6651900-\$ or US-<br>5957776-\$ or US-<br>6865372-\$ or US-<br>5289163-\$ or US-<br>7336174-\$ or US-<br>5722046-\$ or US-<br>6181254-\$ or US-<br>5379033-\$ or US-<br>6512462-\$ or US-<br>5600323-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$ or DE-<br>10116870-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                       | OR | OFF | 2010/03/23<br>15:09 |
| S155 | 0  | S154 and (limit\$4 adj2<br>command)  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>15:09 |
| S156 | 0  | S154 and (all adj2<br>command)   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>15:09 |

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| S157 | 0    | S154 and (limit\$4 adj2 function\$2)  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>15:10 |
| S158 | 24   | S154 and (limit\$4)   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>15:10 |
| S159 | 3076 | mode\$2 same (limit\$4 adj2 function\$2)  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>21:56 |
| S160 | 19   | depend\$4 adj2 mode\$2 same (limit\$4 adj2 function\$2)                                 | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>21:56 |
| S161 | 6    | ("4385366"  <br>"5371788"   "5422656"<br>  "5515420"  <br>"5579535"  <br>"5633912").PN. | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2010/03/23<br>21:59 |
| S162 | 26   | ("5956655").URPN.   | USPAT  | OR | OFF | 2010/03/23<br>22:23 |
| S163 | 3076 | mode\$2 same (limit\$4 adj2 function\$2)S159 and (remote adj2 control)                  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>22:48 |
| S164 | 218  | S163 and (remote adj2 control)  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>22:48 |
| S165 | 20   | mode\$2 same (limit\$4 adj2 function\$2) same (remote adj2 control)                     | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>22:49 |
| S166 | 218  | mode\$2 same (limit\$4 adj2 function\$2) and (remote adj2 control)                      | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>23:39 |
| S167 | 23   | S166 and "340"/\$.cds.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>23:40 |

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| S168 | 195 | S166 not S167   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/23<br>23:52 |
| S169 | 0   | restricted adj2<br>functions same mode<br>same remote adj2<br>control   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/24<br>11:10 |
| S170 | 18  | restricted same<br>functions same mode<br>same remote adj2<br>control   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/24<br>11:10 |
| S171 | 2   | ("5999229").URPN.   | USPAT  | OR | OFF | 2010/03/24<br>13:33 |
| S172 | 9   | ("4229765"  <br>"4417278"   "4520404"<br>  "4554584"  <br>"4716469"   "5056138"<br>  "5195135"  <br>"5387942"   "5537612"<br>  "B14554584").PN. | US-PGPUB;<br>USPAT; USOOR  | OR | OFF | 2010/03/24<br>13:34 |
| S173 | 4   | ("5537612").URPN.   | USPAT  | OR | OFF | 2010/03/24<br>13:35 |
| S174 | 31  | ("5387942").URPN.   | USPAT  | OR | OFF | 2010/03/24<br>13:39 |
| S175 | 0   | Limited adj2 use adj2<br>function adj2 key  | USPAT  | OR | OFF | 2010/03/24<br>13:48 |
| S176 | 0   | Limited adj2 use\$4 adj2<br>function adj2 key\$4  | USPAT  | OR | OFF | 2010/03/24<br>13:48 |
| S177 | 33  | Limit\$4 adj2 use\$4<br>same function adj2 key<br>\$4   | USPAT  | OR | OFF | 2010/03/24<br>13:48 |
| S178 | 4   | 348/211.2 and (restrict<br>\$4) same command  | USPAT  | OR | OFF | 2010/03/24<br>13:54 |
| S179 | 2   | 348/211.1 and (restrict<br>\$4) same command  | USPAT  | OR | OFF | 2010/03/24<br>13:55 |
| S180 | 31  | ("5387942").URPN.   | USPAT  | OR | OFF | 2010/03/24<br>13:57 |
| S181 | 12  | ("5969774").URPN.   | USPAT  | OR | OFF | 2010/03/24<br>14:03 |

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|------|----|--|---------------------------|----|-----|---------------------|
| S182 | 29 | (<br>"20010010503"  <br>"20010024566"  <br>"4251812"   "4774511"<br>  "4825200"  <br>"4856081"   "4999622"<br>  "5020139"  <br>"5187469"   "5307173"<br>  "5317403"  <br>"5414426"   "5608389"<br>  "5894276"  <br>"5959751"   "5969774"<br>  "5987213"  <br>"6094239"   "6107951"<br>  "6346934"  <br>"6496135"   "6567011"<br>  "6587067"  <br>"6750802"   "6788241"<br>  "6829512"  <br>"6938333"   "6947101"<br>  "RE35954").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/03/24<br>14:06 |
| S183 | 20 | (<br>"4712105"  <br>"4959810"   "5228077"<br>  "5255313"  <br>"5414426"   "5481256"<br>  "5515052"  <br>"5537463"   "5835732"<br>  "5956025"  <br>"6097441"   "6104334"<br>  "6127941"  <br>"6208341"   "6292210"<br>  "6437836"  <br>"6567011"   "6629077"<br>  "6633281"  <br>"6750803").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/03/24<br>15:29 |
| S184 | 20 | (<br>"4712105"  <br>"4959810"   "5228077"<br>  "5255313"  <br>"5414426"   "5481256"<br>  "5515052"  <br>"5537463"   "5835732"<br>  "5956025"  <br>"6097441"   "6104334"<br>  "6127941"  <br>"6208341"   "6292210"<br>  "6437836"  <br>"6567011"   "6629077"<br>  "6633281"  <br>"6750803").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/03/24<br>15:42 |
| S185 | 31 | ("5387942").URPN.  | USPAT                     | OR | OFF | 2010/03/24<br>16:04 |

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| S186 | 9      | ("4158874"  <br>"4318125"   "4554584"<br>  "4605964"  <br>"4888796"   "4930158"<br>  "4930160"  <br>"5214556"  <br>"5253066").PN. | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:04 |
| S187 | 1106   | 341/176.ccls.   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:06 |
| S188 | 17     | S187 and (limit\$4 adj2<br>function)  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:06 |
| S189 | 0      | 341/173.ccls. and (limit<br>\$4 adj2 function)  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:09 |
| S190 | 583    | 341/173.ccls.   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:09 |
| S191 | 37     | S187 and (limit\$4 adj2<br>function\$2)   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:09 |
| S192 | 10     | S187 and (secur\$4 adj2<br>function\$2)   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:11 |
| S193 | 3      | S190 and (secur\$4 adj2<br>function\$2)   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:13 |
| S194 | 15     | (limit\$4 adj2 function<br>\$2) same secure\$2<br>adj2 mode\$2  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:14 |
| S195 | 0      | (all adj2 function\$2)<br>same secure\$2 adj2<br>mode\$2  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:16 |
| S196 | 0      | (unlimited adj2 function<br>\$2) same secure\$2<br>adj2 mode\$2   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:16 |
| S197 | 14     | (limit\$4 adj2 function<br>\$2) same non adj2<br>secure\$2 adj2 mode\$2   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:16 |
| S198 | 0      | (limit\$4 adj2 key\$2)<br>same non adj2 secure<br>\$2 adj2 mode\$2  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:17 |
| S199 | 0      | (limit\$4 adj2 operation)<br>same non adj2 secure<br>\$2 adj2 mode\$2   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:18 |
| S200 | 2      | (limit\$4 adj2 operation)<br>same secure\$2 adj2<br>mode\$2   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:18 |
| S201 | 130242 | remote adj2 control   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:20 |
| S202 | 33669  | S201 and (operation<br>same mode\$2)  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:20 |
| S203 | 49     | S201 and (operation<br>same mode\$2) same<br>limit\$4 adj2 function   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/03/24<br>16:20 |

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|------|------|---|--|----|-----|---------------------|
| S204 | 285  | S201 and (operation same mode\$2) same limit\$4 adj2 operation              | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>16:22 |
| S205 | 3    | unlock adj2 command adj2 operation  | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>21:30 |
| S206 | 2    | unlock\$2 adj2 command \$4 adj2 function\$2                                 | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>21:31 |
| S207 | 1    | password same unlock \$2 same command\$4 adj2 function\$2                   | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>21:31 |
| S208 | 82   | password same unlock \$2 same command\$4 same function\$2                   | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>21:32 |
| S209 | 147  | password same unlock \$2 same command\$4 same set\$2                        | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>21:35 |
| S210 | 97   | S209 not S208   | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>21:35 |
| S211 | 179  | password same restrict \$4 same command\$4 same set\$2                      | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>21:48 |
| S212 | 6    | ("5434678"   "5629733"   "5757748"   "5808974"   "5857020"   "6091886").PN. | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2010/03/24<br>22:00 |
| S213 | 6    | ("6519412").URPN.   | USPAT  | OR | OFF | 2010/03/24<br>22:03 |
| S214 | 37   | "5920642"   | USPAT  | OR | OFF | 2010/03/24<br>22:24 |
| S215 | 3841 | restrict\$4 adj2 (command\$4 or function \$2)                               | USPAT  | OR | OFF | 2010/03/24<br>22:28 |
| S216 | 170  | S215 and (remote adj control)   | USPAT  | OR | OFF | 2010/03/24<br>22:28 |
| S217 | 46   | "5379033"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/24<br>23:24 |



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|------|----|---|--------------------------------|----|-----|---------------------|
| S218 | 31 | ("20020041998"  <br>"20030189481"  <br>"20050079841"  <br>"20060034206"  <br>"4642646"   "4670746"<br>  "4763121"  <br>"4942393"   "4987406"<br>  "5319364"  <br>"5355525"   "5379033"<br>  "5479156"  <br>"5515036"   "5517189"<br>  "5600323"  <br>"5602535"   "5630993"<br>  "5683835"  <br>"5738957"   "5871866"<br>  "5910382"  <br>"5932375"   "6049268"<br>  "6085015"  <br>"6101428"   "6153333"<br>  "6285296"  <br>"6570486"   "6656635"<br>  "6855273").PN.    | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2010/03/24<br>23:27 |
| S219 | 5  | ("5379033"  <br>"5723911"   "5973611"<br>  "6034617"  <br>"6181254").PN.  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2010/03/24<br>23:45 |
| S220 | 44 | ("5379033").URPN.   | USPAT                          | OR | OFF | 2010/03/24<br>23:46 |
| S221 | 5  | ("5379033"  <br>"5723911"   "5973611"<br>  "6034617"  <br>"6181254").PN.  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2010/03/24<br>23:50 |
| S222 | 5  | ("6677851").URPN.   | USPAT                          | OR | OFF | 2010/03/24<br>23:54 |
| S223 | 35 | (US-20030110491-\$ or<br>US-20090290030-\$ or<br>US-20020059588-\$).<br>did. or (US-7113099-\$<br>or US-6624758-\$ or US-<br>6680673-\$ or US-<br>6357043-\$ or US-<br>6753790-\$ or US-<br>7068143-\$ or US-<br>7120922-\$ or US-<br>6946970-\$ or US-<br>6903655-\$ or US-<br>6275141-\$ or US-<br>6100792-\$ or US-<br>5917405-\$ or US-<br>5513244-\$ or US-<br>4887064-\$ or US-<br>6651900-\$ or US-<br>5957776-\$ or US-<br>6865372-\$ or US-<br>5289163-\$ or US- | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/03/26<br>12:27 |

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|------|----|---|--|----|-----|---------------------|
|      |    | 7336174-\$ or US-<br>5722046-\$ or US-<br>6181254-\$ or US-<br>5379033-\$ or US-<br>6512462-\$ or US-<br>5600323-\$ or US-<br>5956655-\$ or US-<br>5999229-\$).did. or (US-<br>5387942-\$ or US-<br>6947101-\$ or US-<br>6519412-\$).did. or<br>(WO-2005018242-\$ or<br>WO-9944361-\$ or DE-<br>10116870-\$).did. |  |    |     |                     |
| S224 | 17 | S223 and (sound or<br>speaker)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2010/03/26<br>12:27 |

12/ 22/ 2010 12:30:18 PM

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